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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Application Number : 10/785,054 Confirmation No. 8562  
Applicant : Jung Ho SONG et al.  
Filed : February 25, 2004  
Tech Cntr/AU : 2826  
Examiner : Thomas L. Dickey  
Entitled : SEMICONDUCTOR LASER CAPABLE OF IMPROVING A  
RATIO OF LIGHT OUTPUT TO INPUT CURRENT AND  
METHOD FOR MANUFACTURING THE SAME  
Attorney Reference : 123034-05004826  
Customer Number : 43569

**MAIL STOP AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT/RESPONSE TRANSMITTAL**

Transmitted herewith is an amendment/response for this application.

**SMALL ENTITY STATUS**

Applicant confirms that small business entity status is claimed in this application.

**EXTENSION OF TIME**

A petition for extension of time under 37 C.F.R. 1.136 is not believed necessary.

**CLAIM FEES**


The claim fees have been calculated as follows:

|  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST NO.<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA | RATE            | ADDITIONAL<br>FEE |
|--|---|---------------------------------------|------------------|-----------------|-------------------|
| Total  | 11  | -                                     | 20               | = 0 x \$ 25.00  | = \$ 0.00         |
| Independent  | 3   | -                                     | 3                | = 0 x \$ 100.00 | = \$ 0.00         |
| FIRST PRESENTATION OF MULTIPLE DEP. CLAIM+ \$ 360.00 |   |                                       |                  |                 | = \$ 0.00         |
| TOTAL ADDITIONAL CLAIM FEE DUE                       |   |                                       |                  |                 | \$ 0.00           |

**FEE PAYMENT**

Authorization is given herein to charge the any deficiencies in the fees not specifically authorized herein, or to further credit any overpayments, to Deposit Account No. 503-121 in order to maintain the pendency of this application.

Intellectual Property Department  
Mayer Brown Rowe & Maw LLP  
1909 K Street, N.W.  
Washington, D.C. 20006-1101

  
for Yoon S. Ham  
Registration No. 45,307  
(202) 263-3280  
Reg No. 51,873

Date: July 6, 2005



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**RESPONSE UNDER 37 C.F.R. § 1.116**

Sir:

In response to the Final Office Action dated May 6, 2005 for the above-identified application, amendments and/or remarks submitted herewith include:

- A complete claim listing; and
- Remarks and arguments.